

- 26 -

#### ABSTRACT

The present invention provides an integrated circuit module comprising an interconnect system. The interconnect system comprises a first connector and a second connector, wherein the first and second connectors are complementary connectors. The  
5 first connector comprises a first electrical connector and a first optical device, and the second connector comprises a second electrical connector complementary to the first electrical connector and a second optical device complementary to the first optical device. The first and second optical devices each comprise optical diodes and detectors.